

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016476.D
 Acq On : 28 May 2020 11:44
 Operator : JC/SP
 Sample : L2708-04DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0694DL

Quant Time: May 29 04:36:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

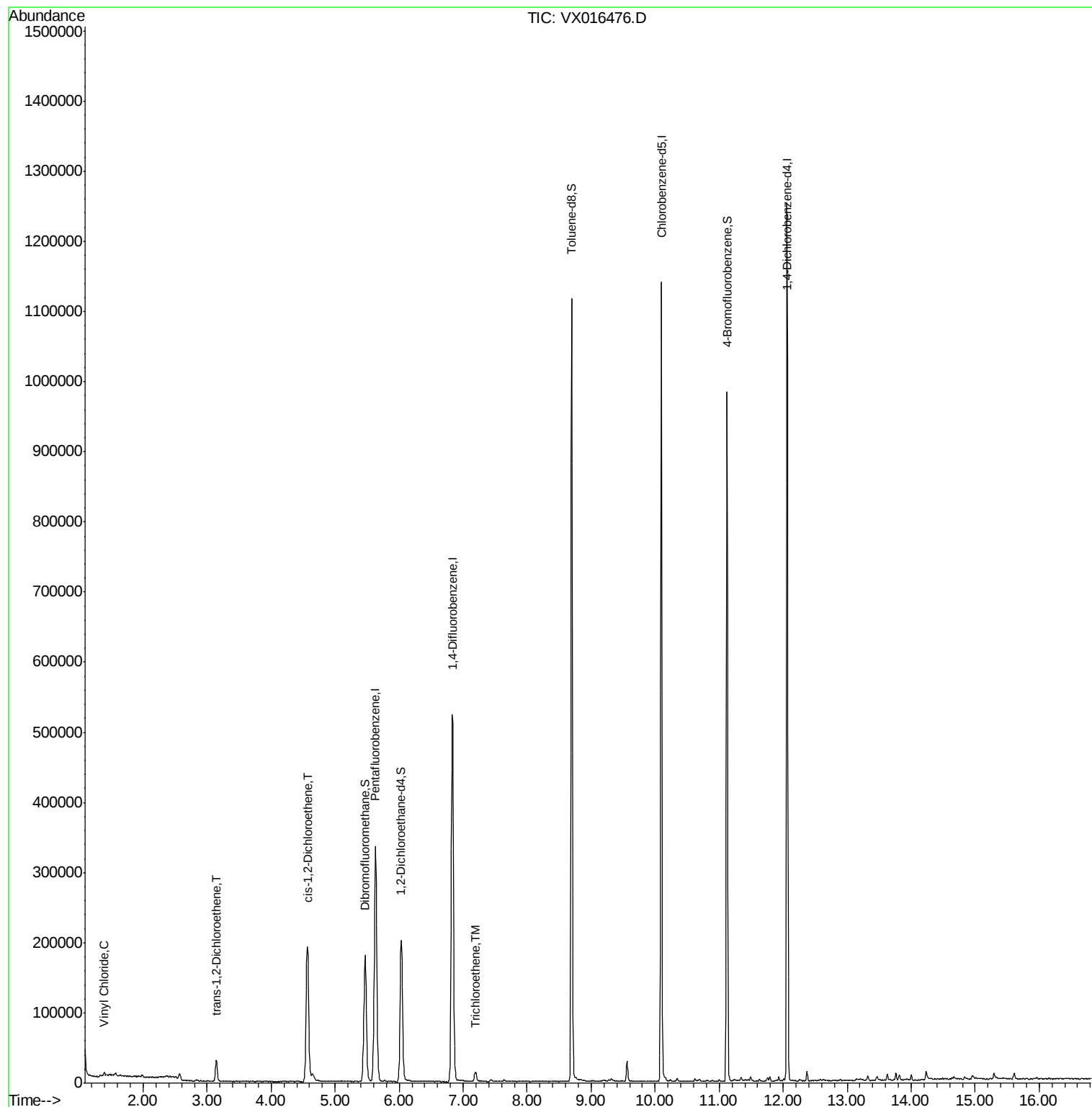
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	325115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	536437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	519801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	257428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195544	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	5.47	113	156536	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	8.70	98	654990	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.12	95	263018	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
Target Compounds						
4) Vinyl Chloride	1.39	62	2352	0.575	ug/l	89
21) trans-1,2-Dichloroethene	3.14	96	12393	3.582	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	130084	32.496	ug/l	92
44) Trichloroethene	7.19	130	4677	0.975	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016476.D

Acq: 28 May 2020 11:44

Instrument :

MSVOA_X

ClientSampled :

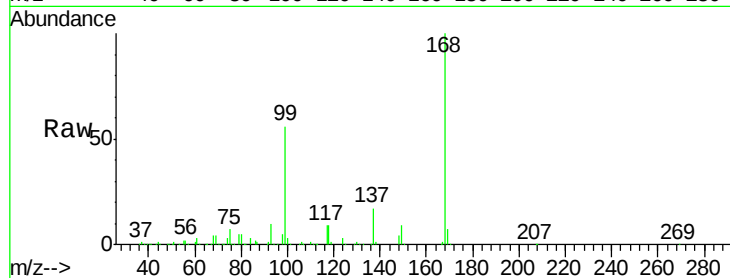
S32-0694DL

Tot Ion:168 Resp: 325115

Ion Ratio Lower Upper

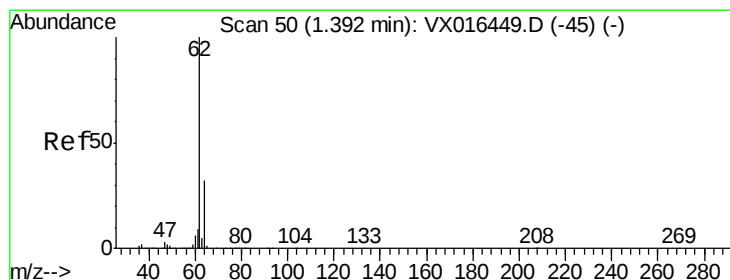
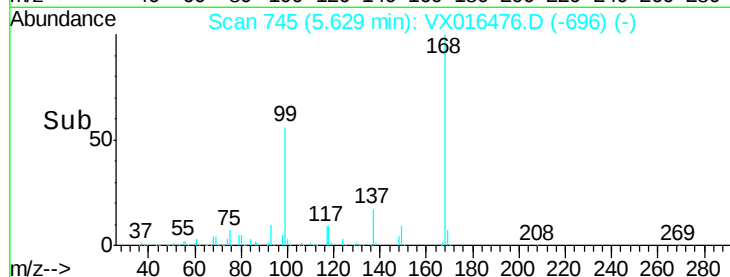
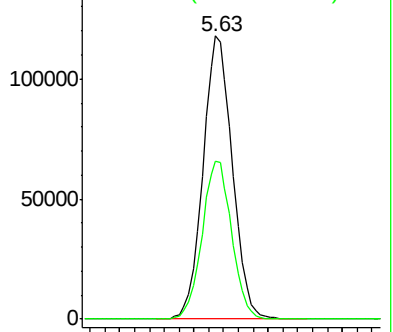
168 100

99 56.0 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.575 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016476.D

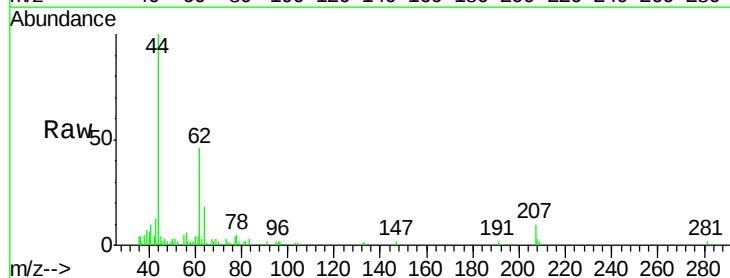
Acq: 28 May 2020 11:44

Tgt Ion: 62 Resp: 2352

Ion Ratio Lower Upper

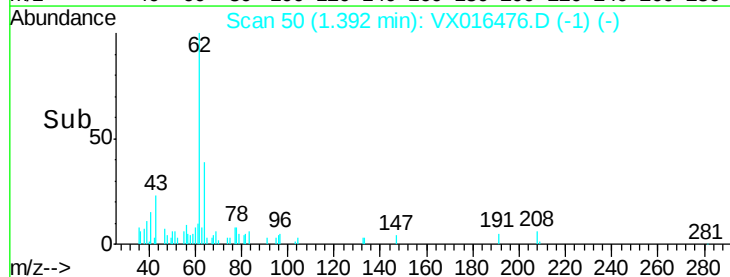
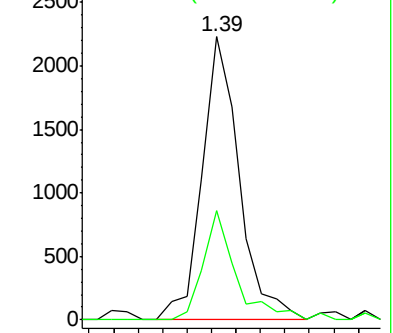
62 100

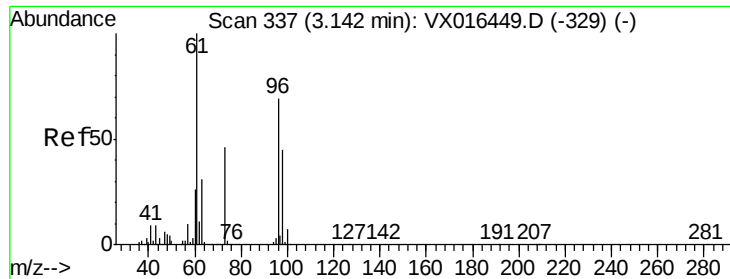
64 38.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 3.582 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016476.D

Acq: 28 May 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

S32-0694DL

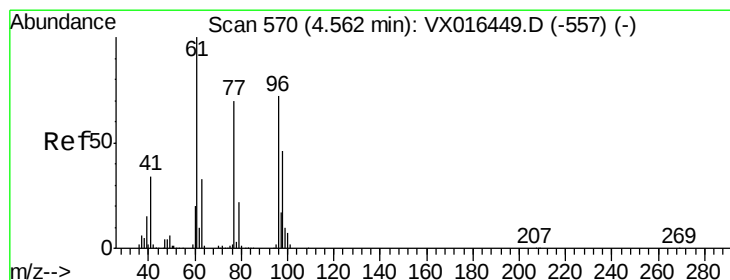
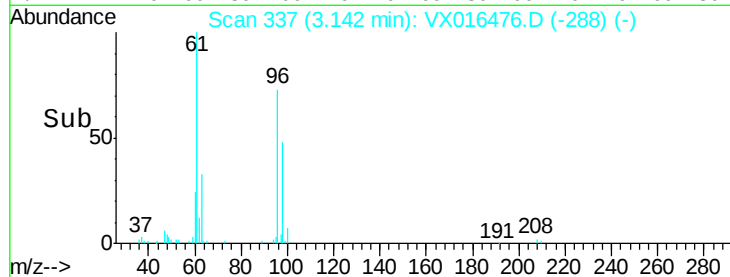
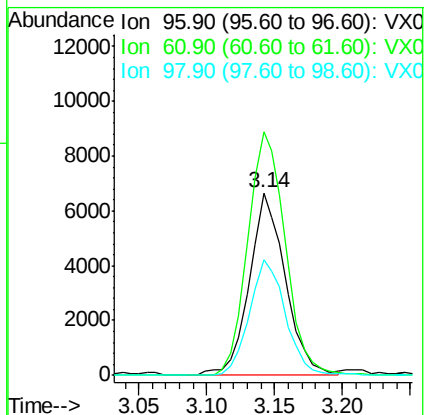
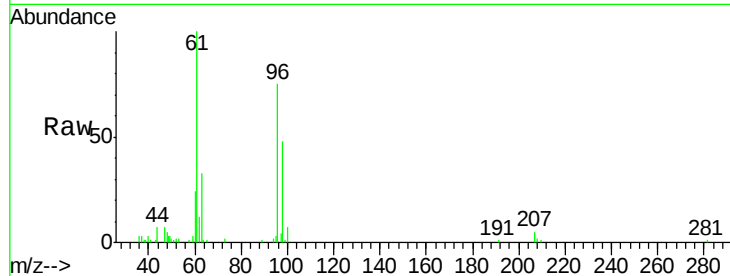
Tot Ion: 96 Resp: 12393

Ion Ratio Lower Upper

96 100

61 133.6 115.3 172.9

98 63.5 51.9 77.9



#27

cis-1,2-Dichloroethene

Concen: 32.496 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016476.D

Acq: 28 May 2020 11:44

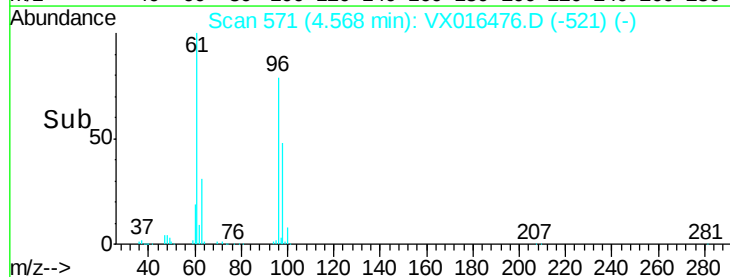
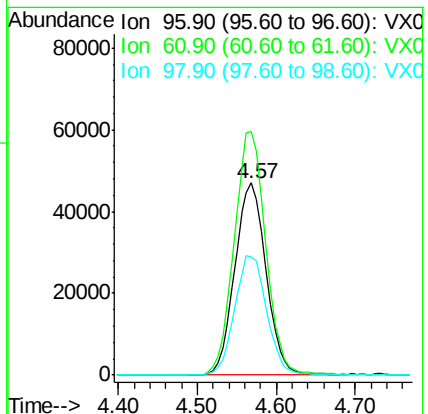
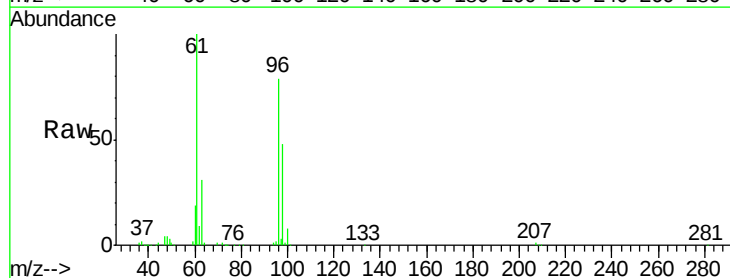
Tgt Ion: 96 Resp: 130084

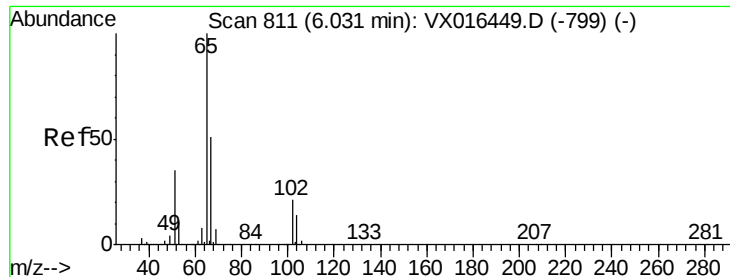
Ion Ratio Lower Upper

96 100

61 127.6 0.0 284.6

98 63.7 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 48.432 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016476.D

Acq: 28 May 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

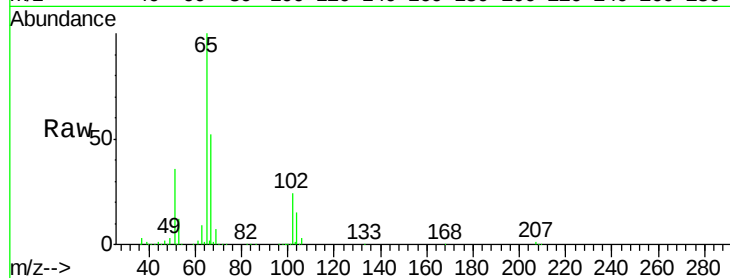
S32-0694DL

Tot Ion: 65 Resp: 195544

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

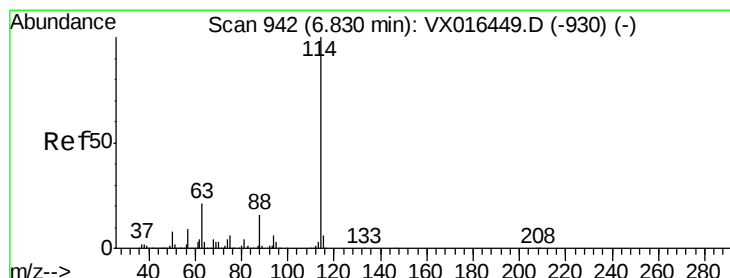
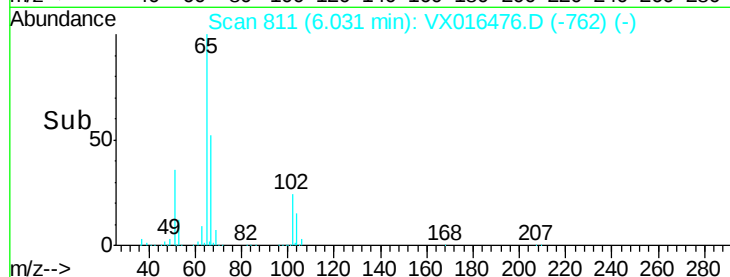
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016476.D

Acq: 28 May 2020 11:44

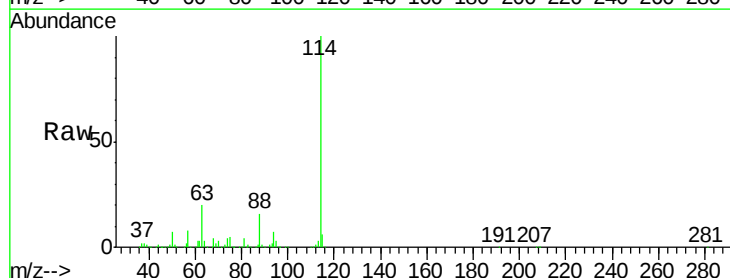
Tgt Ion: 114 Resp: 536437

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.9 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

300000

250000

200000

150000

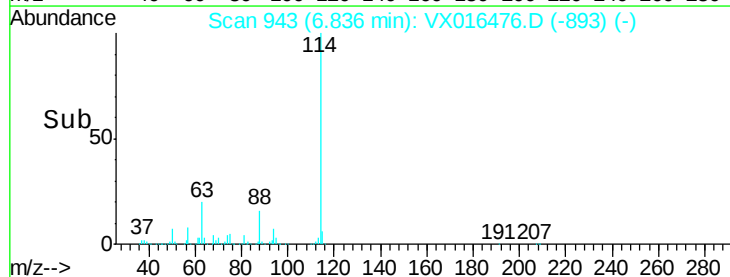
100000

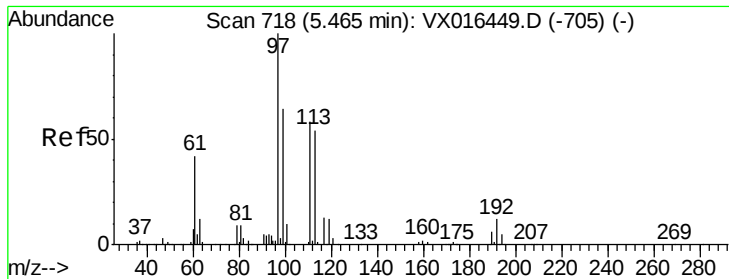
50000

0

Time-->

6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 47.391 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016476.D

Acq: 28 May 2020 11:44

Instrument :

MSVOA_X

ClientSampled :

S32-0694DL

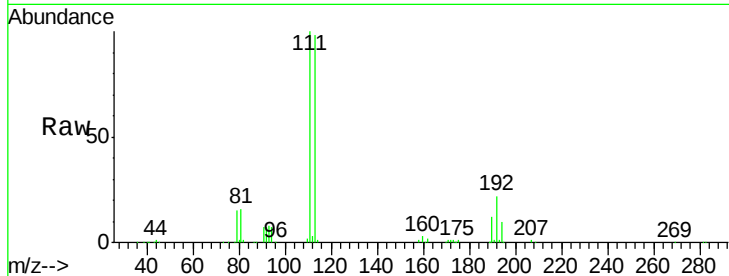
Tot Ion:113 Resp: 156536

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

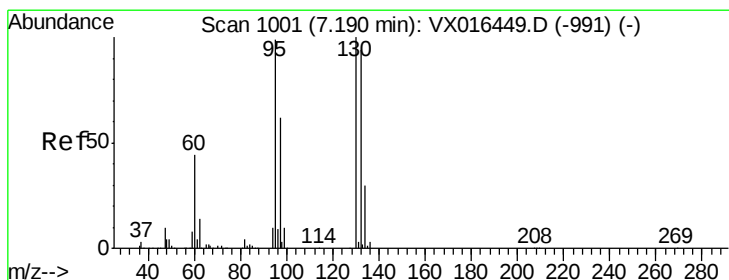
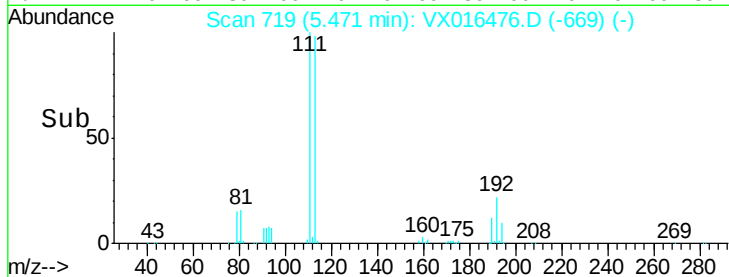
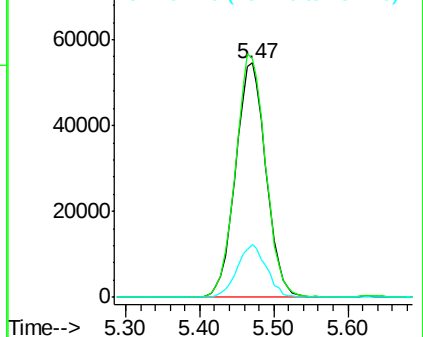
192 21.7 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 0.975 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016476.D

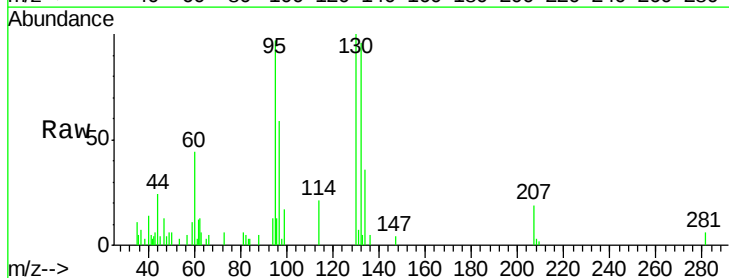
Acq: 28 May 2020 11:44

Tgt Ion:130 Resp: 4677

Ion Ratio Lower Upper

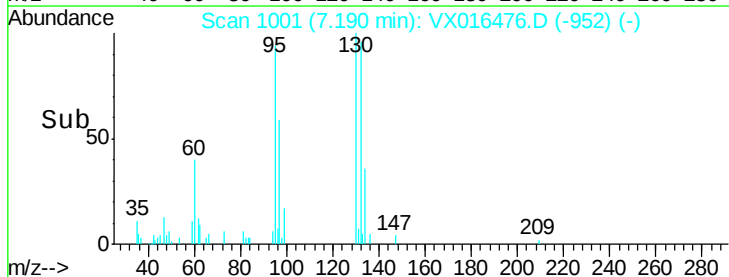
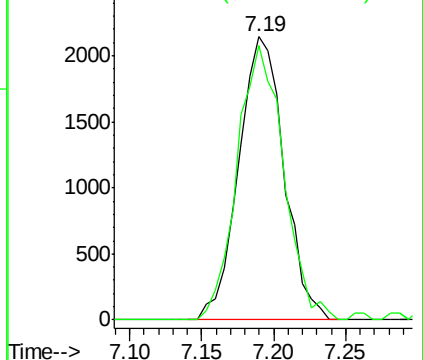
130 100

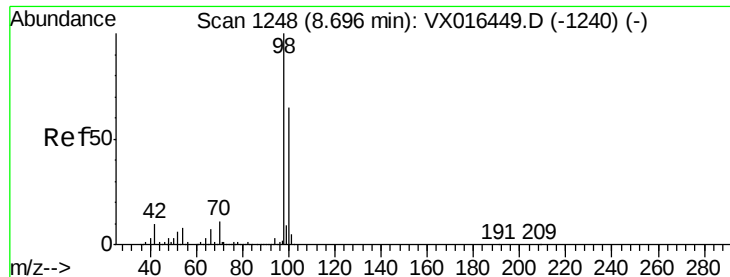
95 96.8 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.947 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016476.D

Acq: 28 May 2020 11:44

Instrument :

MSVOA_X

ClientSampleId :

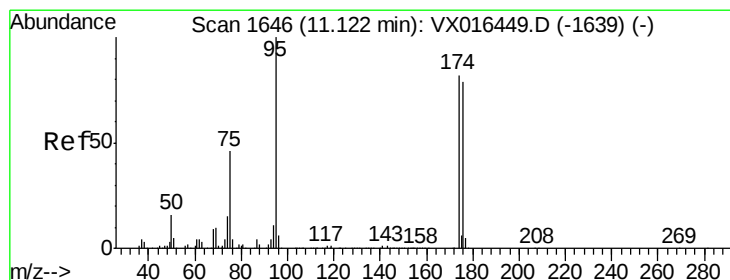
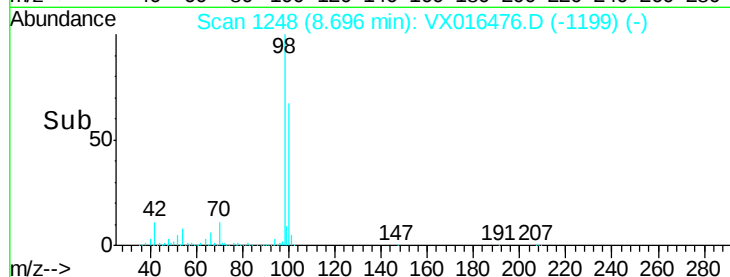
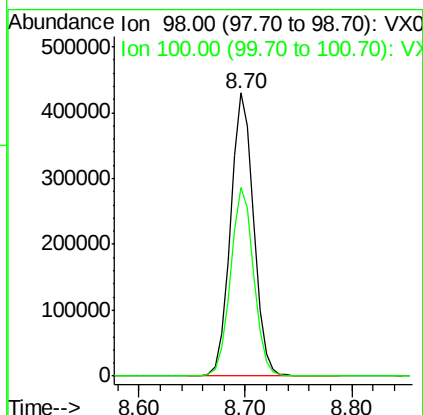
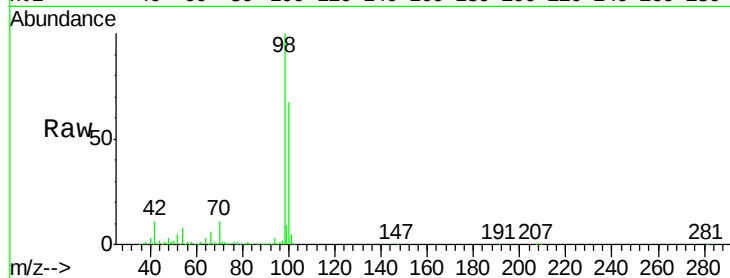
S32-0694DL

Tot Ion: 98 Resp: 654990

Ion Ratio Lower Upper

98 100

100 66.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 52.946 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016476.D

Acq: 28 May 2020 11:44

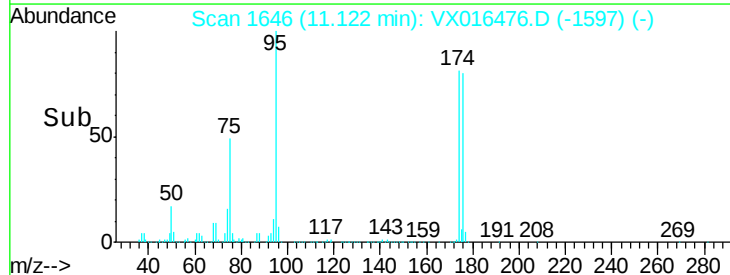
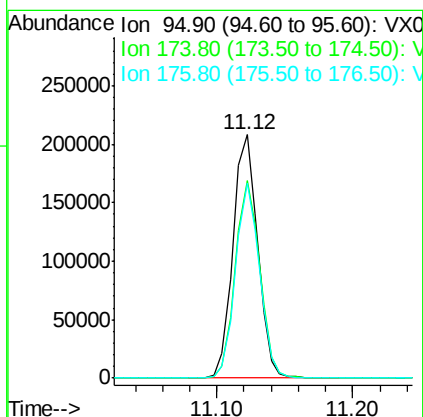
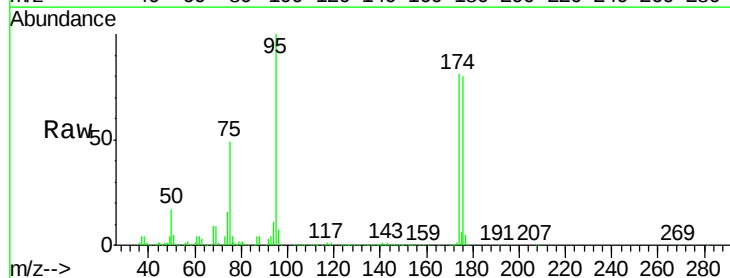
Tgt Ion: 95 Resp: 263018

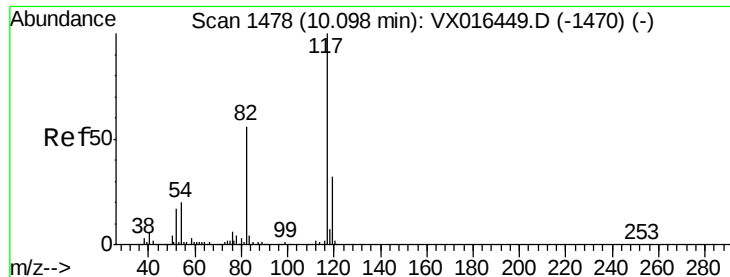
Ion Ratio Lower Upper

95 100

174 80.3 0.0 163.0

176 78.1 0.0 156.8

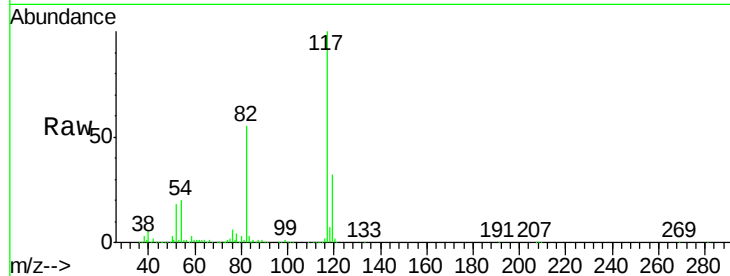




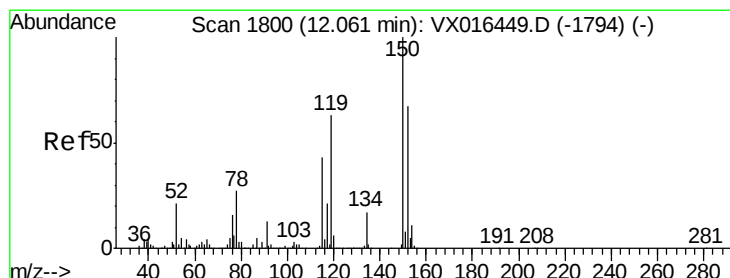
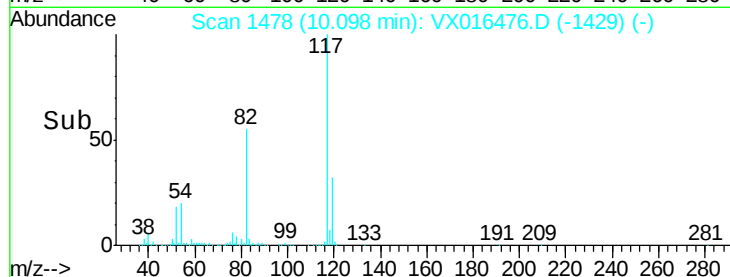
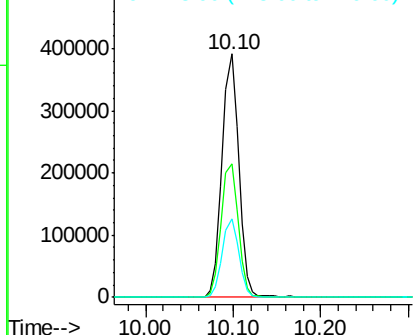
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016476.D
Acq: 28 May 2020 11:44

Instrument :
MSVOA_X
ClientSampled :
S32-0694DL

Tot Ion:117 Resp: 519801
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.6
119 32.3 25.8 38.8

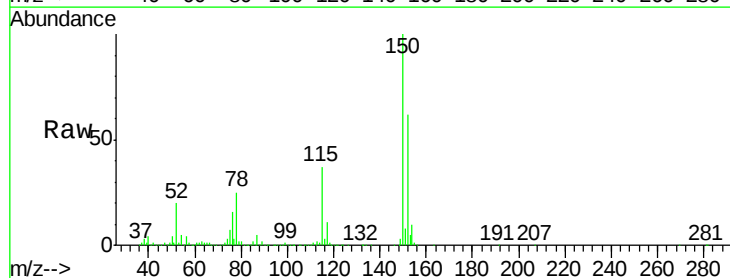


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016476.D
Acq: 28 May 2020 11:44

Tgt Ion:152 Resp: 257428
Ion Ratio Lower Upper
152 100
115 59.1 39.9 119.6
150 157.1 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

